



**RE: NM Periphyton Report**  
**Jessup, Benjamin** to: Forrest John

09/06/2012 07:24 AM

From: "Jessup, Benjamin" <benjamin.jessup@tetrattech.com>

To: Forrest John/R6/USEPA/US@EPA

History: This message has been replied to.

Thanks Forrest;

The Charles report seems to say that metrics were never evaluated, though the title implies otherwise. The disturbance gradient was never developed adequately and the metrics were not compared to the multivariate axes. I do not think this report should be discouraging, but that more work needs to be done on the ancillary data to allow reference site identification and site classification. Lots of non-detects in the data were implied, that might make development of an indicator very difficult in any case.

Ben

From: Forrest John [mailto:John.Forrest@epamail.epa.gov]

Sent: Wednesday, September 05, 2012 5:30 PM

To: Jessup, Benjamin

Subject: NM Periphyton Report

Ben -

I was able to find the NM periphyton report that I mentioned this morning which was prepared by the Academy of Natural Sciences of Philadelphia....not sure where I got the Arkansas State University other than there is a researcher that does considerable work for states in the region. Anyway, attached is the report which I think that you will find interesting but resulted in the state initially abandoning their periphyton collections. Also attached is a paper that was prepared by Jim Peterson and Billy Justus, USGS, Arkansas Water Science Center, that you may find equally as interesting.

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"Far better it is to dare mighty things, to win glorious triumphs, even though checkered by failure, than to take rank with those poor spirits who neither enjoy much nor suffer much, because they live in the gray twilight that knows not victory or defeat." ~ Theodore Roosevelt

"...and 'tis our fast [first] intent to shake all cares and business from our

age [of our state]; Conferring them on younger strengths, while we  
unburden'd crawl toward death..." ~ William Shakespeare's King Lear,  
Act I

"In every free and deliberating society, there must, from the nature of  
man, be opposite parties and...dissensions and discords;..." ~ Thomas  
Jefferson, 1798